LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
Data File : VU047560.D
Acq On : 15 Mar 2022 01:12
Operator : SY/MD
Sample : N1858-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNK2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU047560.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.363	3	7	26	rVB	115808	118731	4.77%	1.234%
2	1.494	40	48	74	rBV	177278	200273	8.04%	2.081%
3	1.604	74	82	93	rVV	1135907	1244071	49.94%	12.928%
4	1.655	93	98	110	rVB	33635	44729	1.80%	0.465%
5	1.919	172	180	189	rBV	26198	35484	1.42%	0.369%
6	1.999	194	205	230	rVB	1825340	2491003	100.00%	25.886%
7	2.208	261	270	281	rBV2	29917	43664	1.75%	0.454%
8	2.571	371	383	406	rBV3	62234	139402	5.60%	1.449%
9	3.047	515	531	544	rBV4	11081	25842	1.04%	0.269%
10	3.144	545	561	587	rVB	321716	650519	26.11%	6.760%
11	4.536	968	994	1009	rBV2	68120	165511	6.64%	1.720%
12	4.658	1009	1032	1068	rVB3	34967	152143	6.11%	1.581%
13	5.070	1144	1160	1178	rBV	47525	103845	4.17%	1.079%
14	5.395	1244	1261	1284	rVB	141339	317373	12.74%	3.298%
15	5.729	1346	1365	1369	rBV2	97045	215082	8.63%	2.235%
16	5.777	1369	1380	1404	rVV	873462	1796903	72.14%	18.673%
17	5.896	1405	1417	1432	rVB2	19516	42303	1.70%	0.440%
18	6.253	1514	1528	1548	rBV	127969	242912	9.75%	2.524%
19	6.694	1651	1665	1682	rBV2	57325	110263	4.43%	1.146%
20	7.568	1924	1937	1956	rBV	29296	52329	2.10%	0.544%
21	7.899	2028	2040	2053	rBV	116121	198271	7.96%	2.060%
22	8.182	2117	2128	2143	rBV2	17640	29855	1.20%	0.310%
23	8.639	2257	2270	2292	rBV	125134	253250	10.17%	2.632%
24	9.417	2499	2512	2534	rBV	177589	305193	12.25%	3.171%
25	10.758	2918	2929	2947	rVB	50475	81171	3.26%	0.844%
26	11.812	3242	3257	3278	rBV	189384	301843	12.12%	3.137%
27	12.063	3324	3335	3355	rBV3	30598	60529	2.43%	0.629%
28	12.192	3364	3375	3395	rVB	123368	200513	8.05%	2.084%

Sum of corrected areas: 9623007

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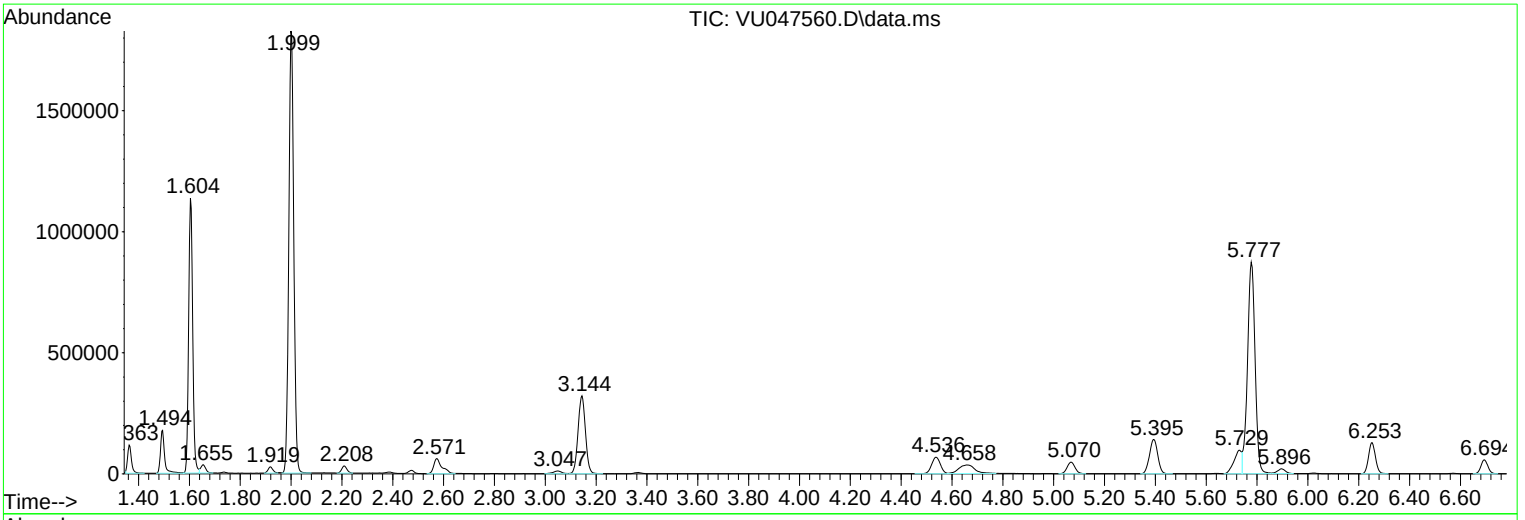
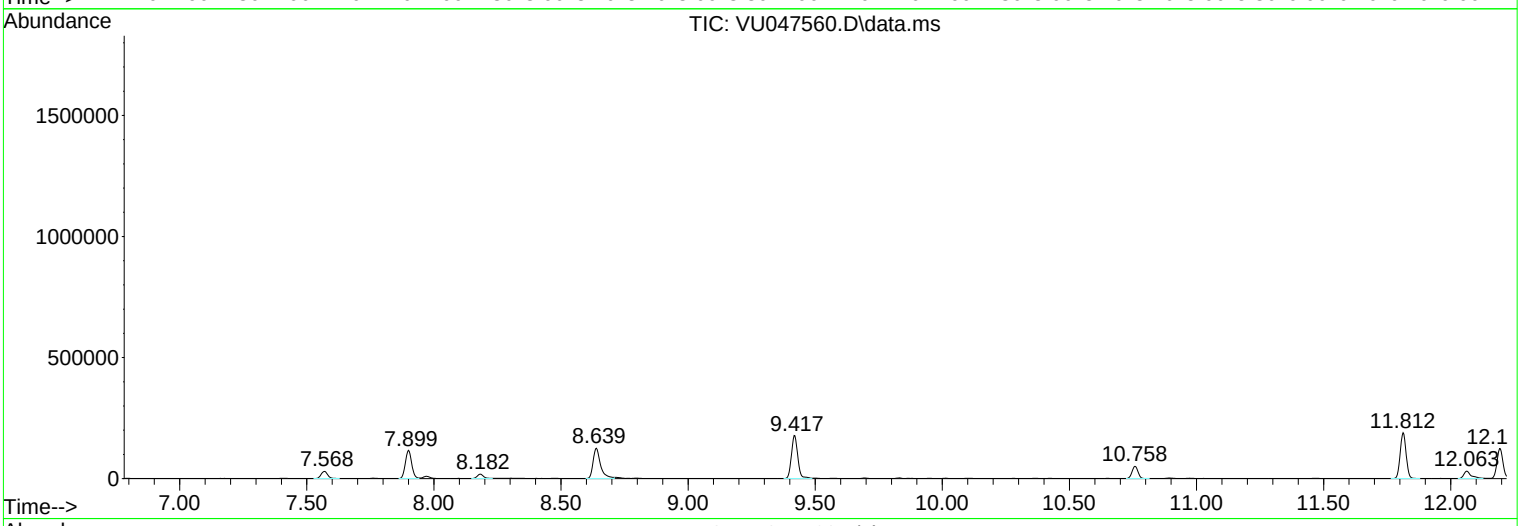
Sample : N1858-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

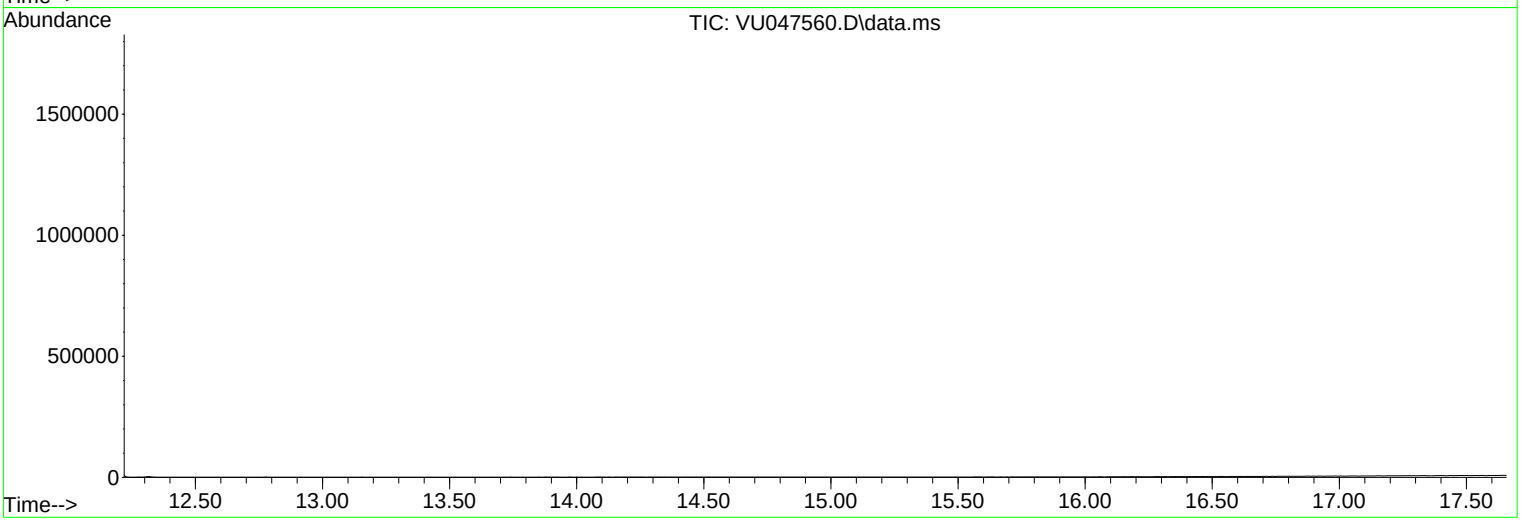
Instrument :
MSVOA_U
ClientSampleId :
ETNK2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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Data File : VU047560.D
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Operator : SY/MD
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ClientSampleId :
ETNK2

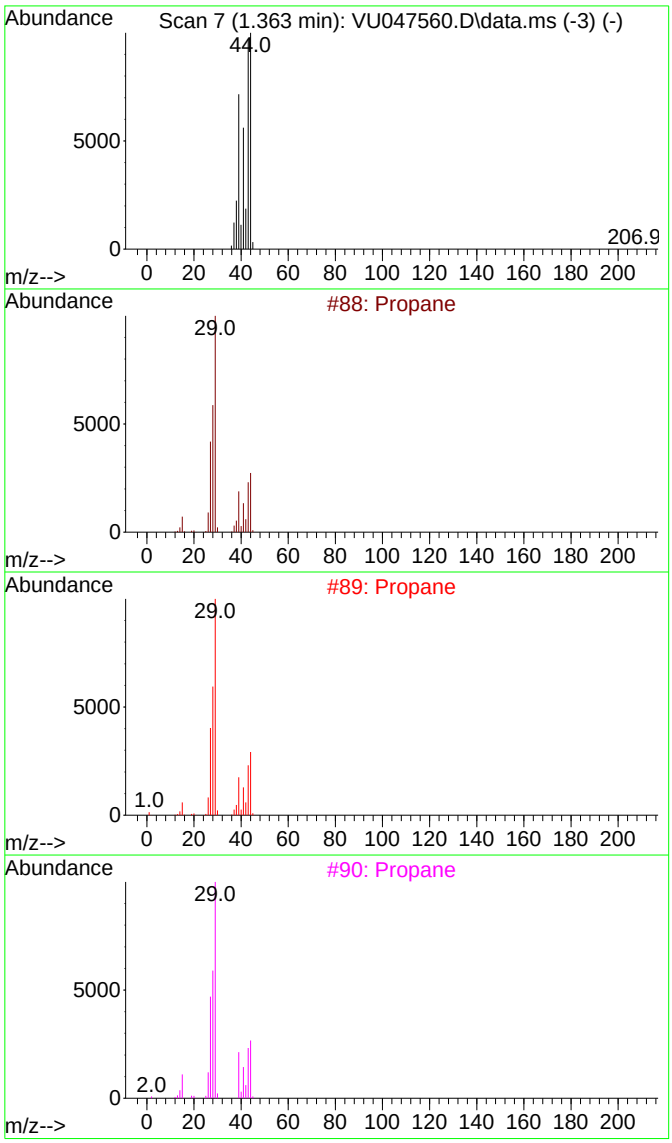
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
Quant Title : TRACE VOA SFAM1.0

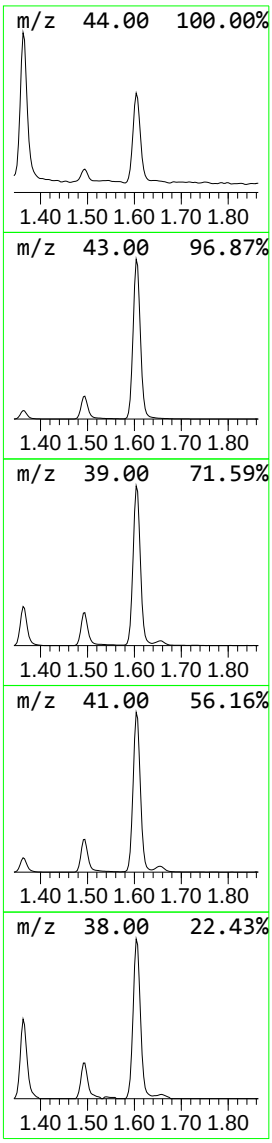
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.363	2.44 ug/L	118731	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	83
2	Propane	44	C3H8	000074-98-6	45
3	Propane	44	C3H8	000074-98-6	9
4	Propene	42	C3H6	000115-07-1	9
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
Data File : VU047560.D
Acq On : 15 Mar 2022 01:12
Operator : SY/MD
Sample : N1858-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNK2

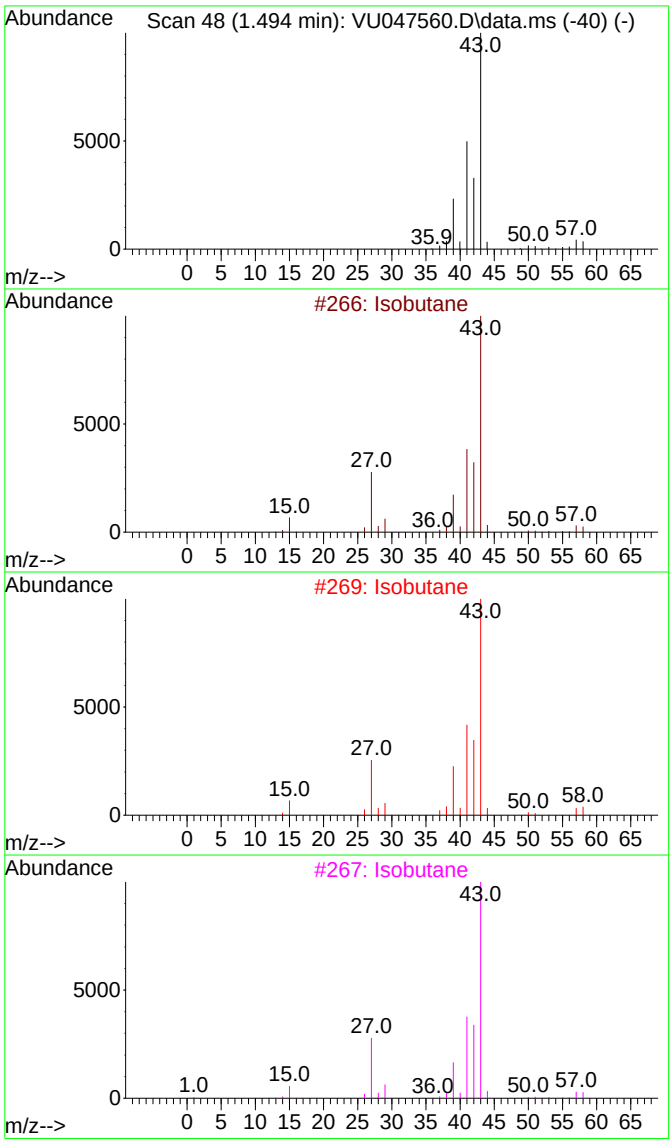
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
Quant Title : TRACE VOA SFAM1.0

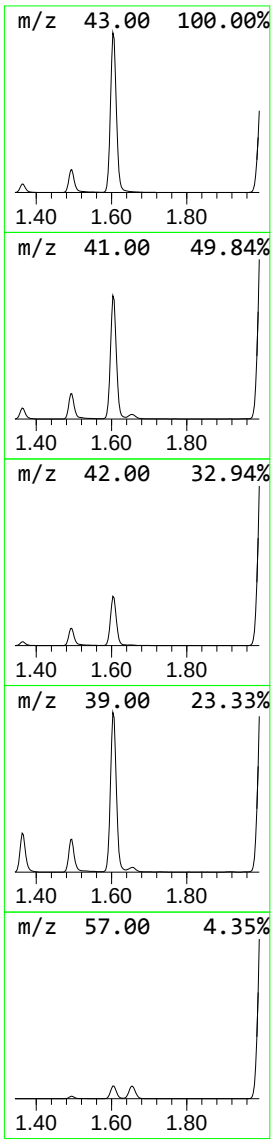
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.494	4.12 ug/L	200273	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Isobutane	58	C4H10	000075-28-5	64
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	64
5	Isobutane	58	C4H10	000075-28-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
Data File : VU047560.D
Acq On : 15 Mar 2022 01:12
Operator : SY/MD
Sample : N1858-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNK2

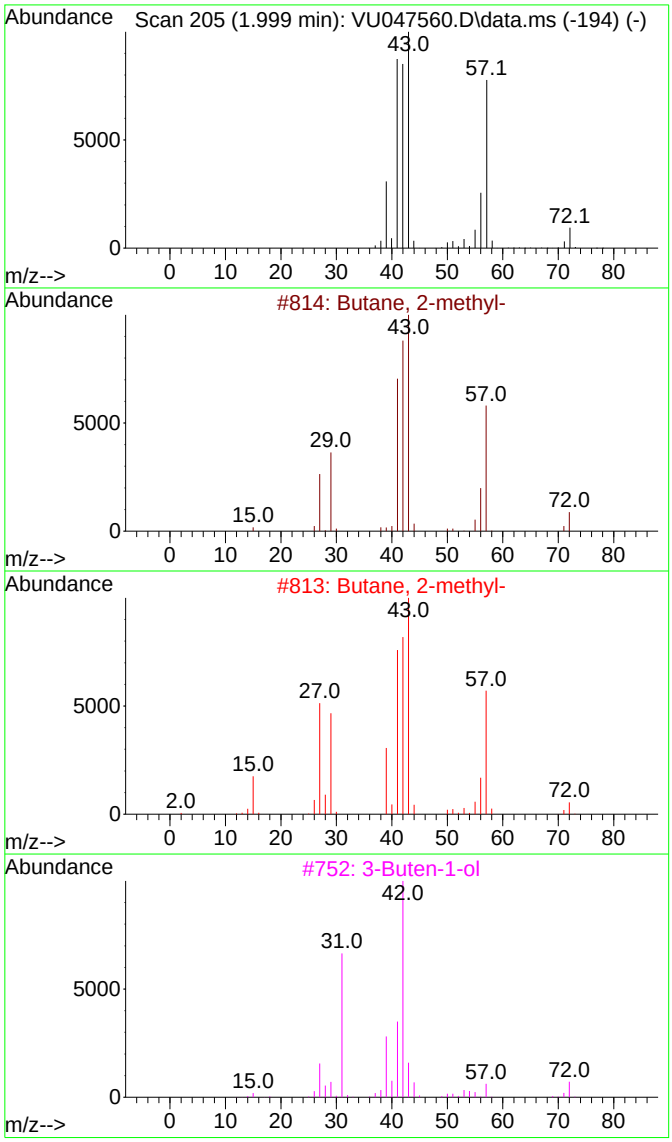
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
Quant Title : TRACE VOA SFAM1.0

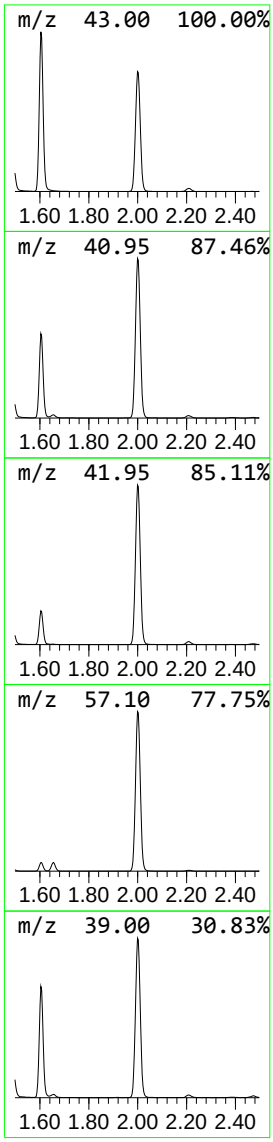
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.999	51.27 ug/L	2491000	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	87
2	Butane, 2-methyl-	72	C5H12	000078-78-4	86
3	3-Buten-1-ol	72	C4H8O	000627-27-0	43
4	Pentane	72	C5H12	000109-66-0	42
5	Oxirane, trimethyl-	86	C5H10O	005076-19-7	33





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
Data File : VU047560.D
Acq On : 15 Mar 2022 01:12
Operator : SY/MD
Sample : N1858-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNK2

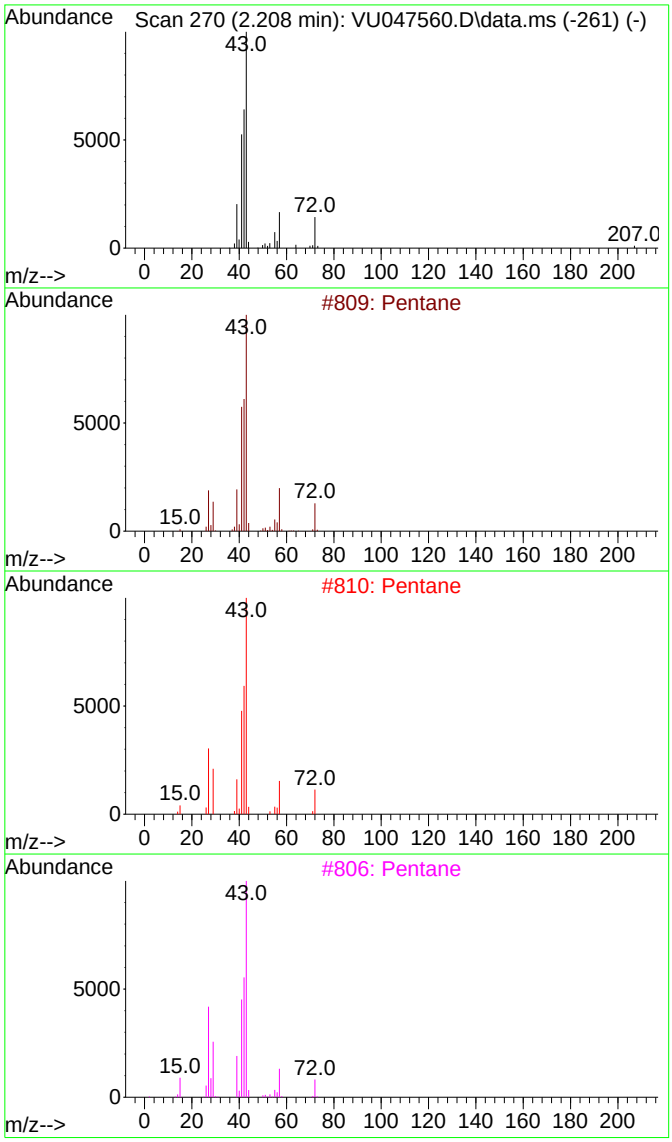
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
Quant Title : TRACE VOA SFAM1.0

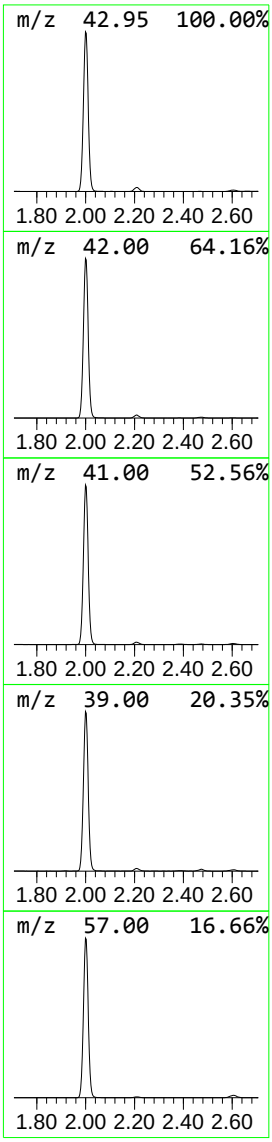
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.208	0.90 ug/L	43664	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	90
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	80
4	Pentane	72	C5H12	000109-66-0	64
5	Pentane	72	C5H12	000109-66-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
Data File : VU047560.D
Acq On : 15 Mar 2022 01:12
Operator : SY/MD
Sample : N1858-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNK2

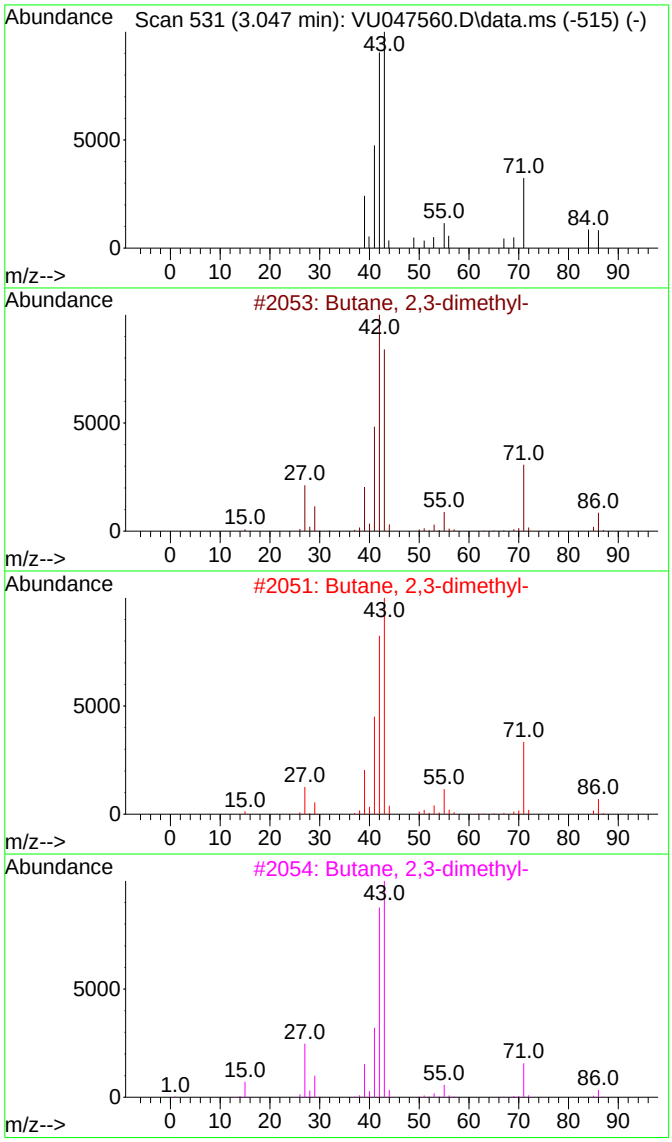
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
Quant Title : TRACE VOA SFAM1.0

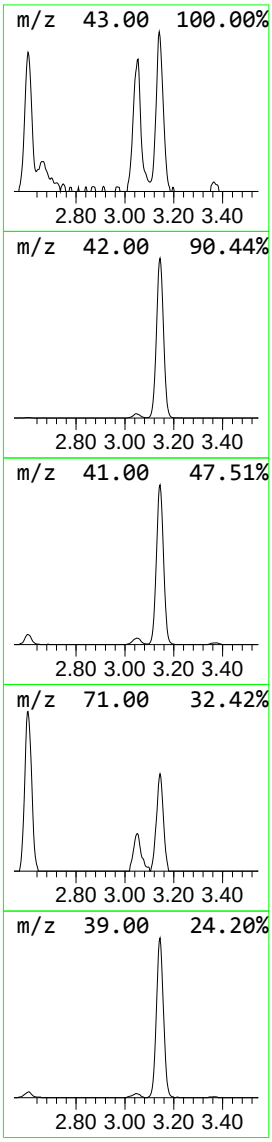
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.047	0.53 ug/L	25842	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	64
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	53
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
Data File : VU047560.D
Acq On : 15 Mar 2022 01:12
Operator : SY/MD
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNK2

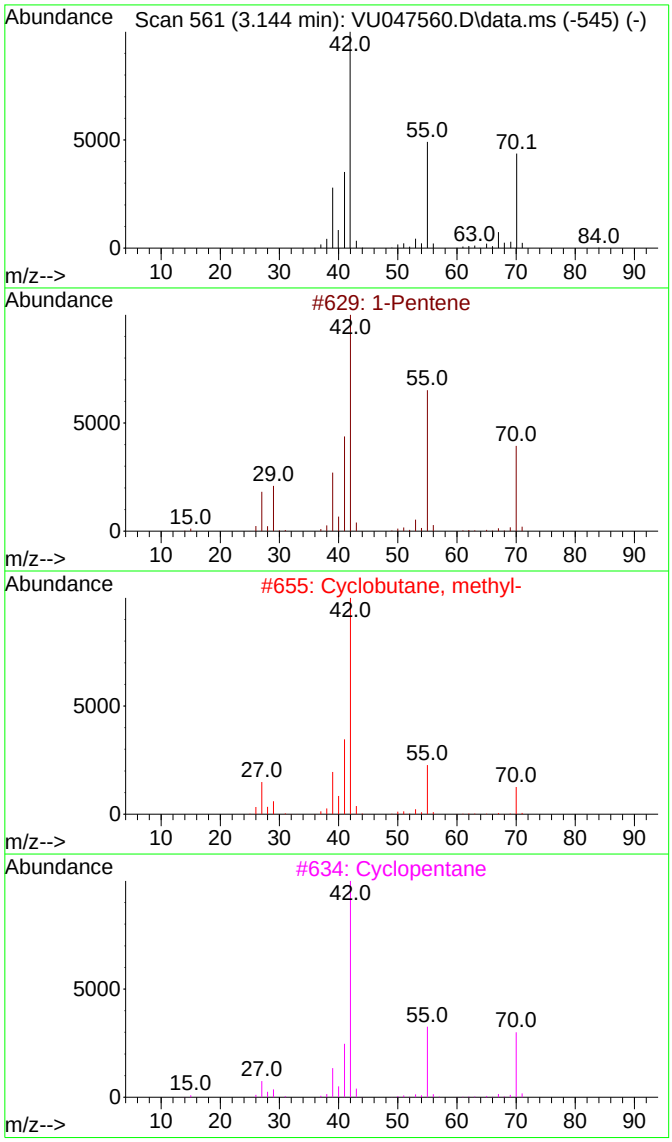
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
Quant Title : TRACE VOA SFAM1.0

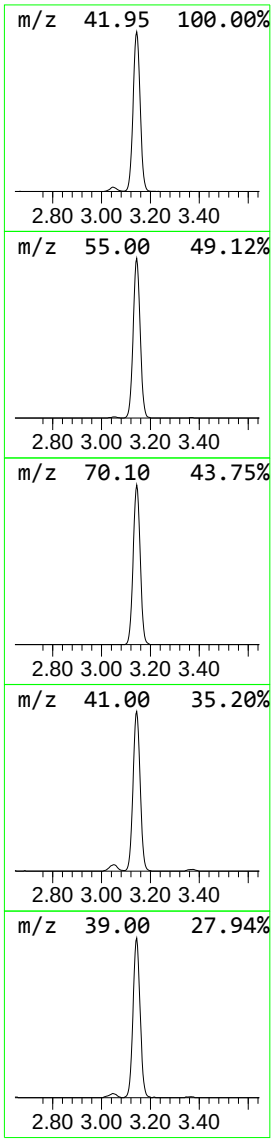
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.144	13.39 ug/L	650519	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	90
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	86
3	Cyclopentane	70	C5H10	000287-92-3	86
4	Cyclopentane	70	C5H10	000287-92-3	83
5	1-Pentene	70	C5H10	000109-67-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
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Operator : SY/MD
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ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNK2

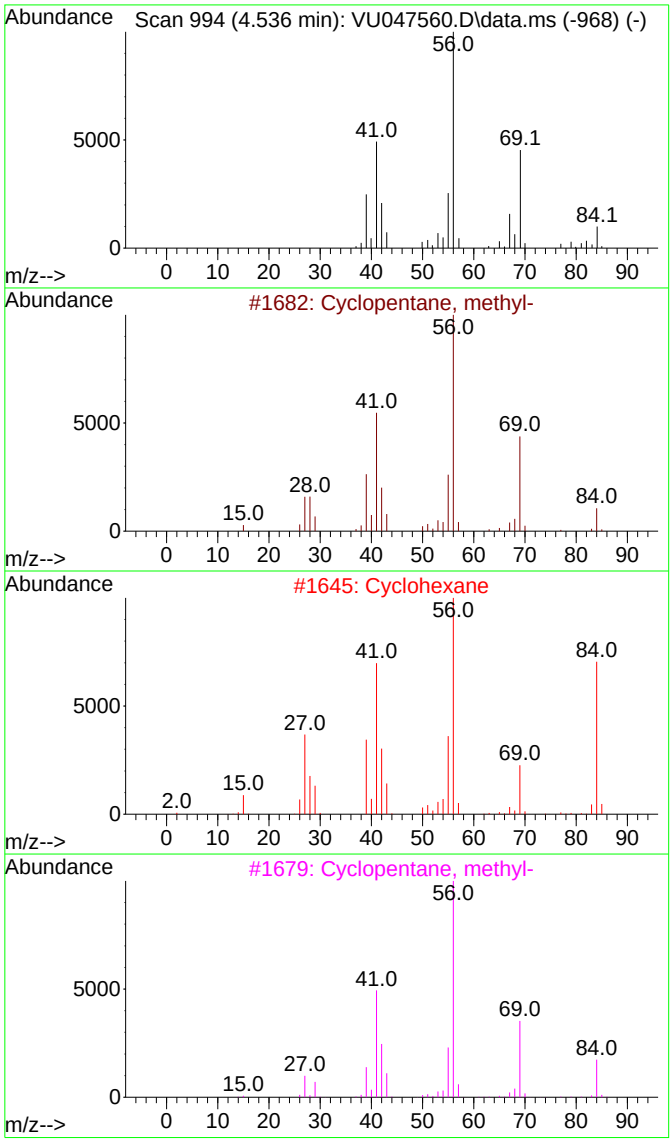
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
Quant Title : TRACE VOA SFAM1.0

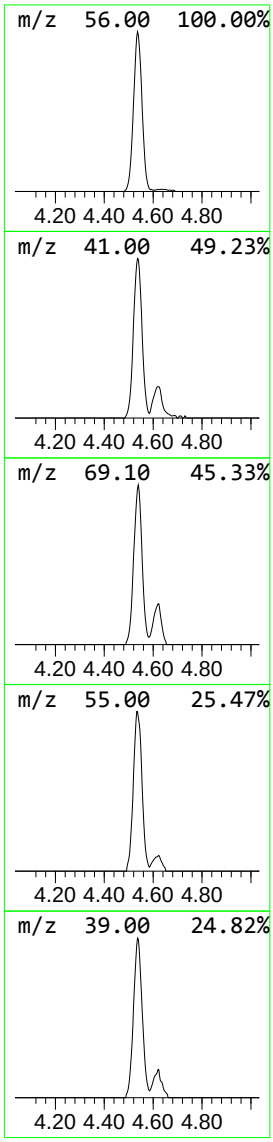
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic4.536 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.536	3.41 ug/L	165511	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclohexane	84	C6H12	000110-82-7	83
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
4	Cyclohexane	84	C6H12	000110-82-7	72
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72





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Instrument :
MSVOA_U
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ETNK2

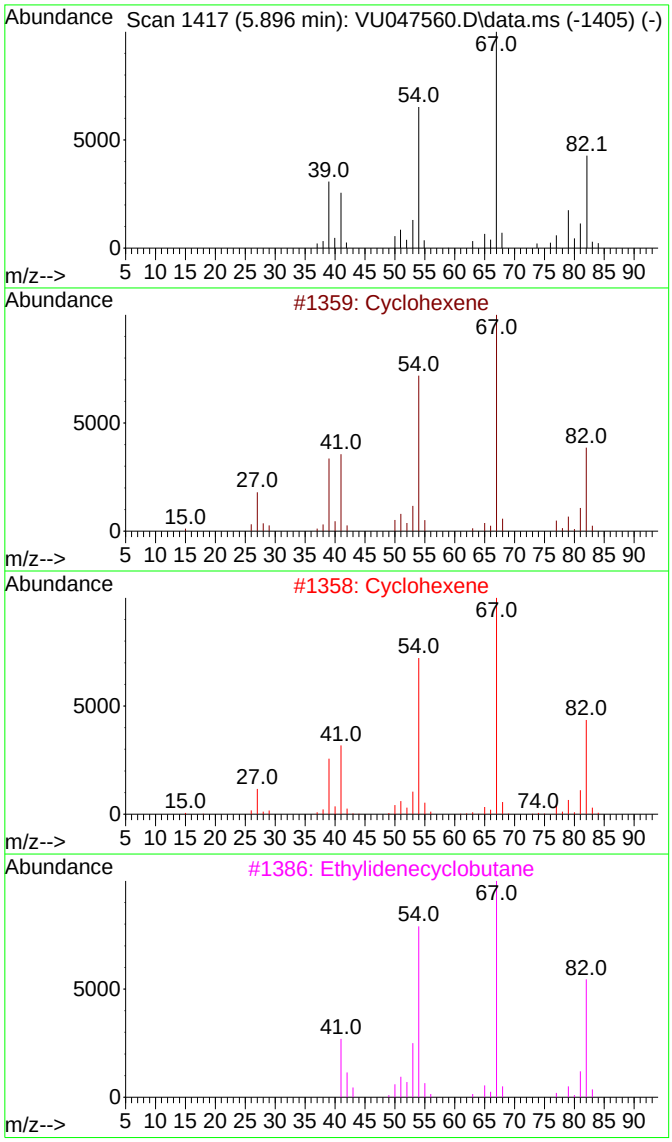
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
Quant Title : TRACE VOA SFAM1.0

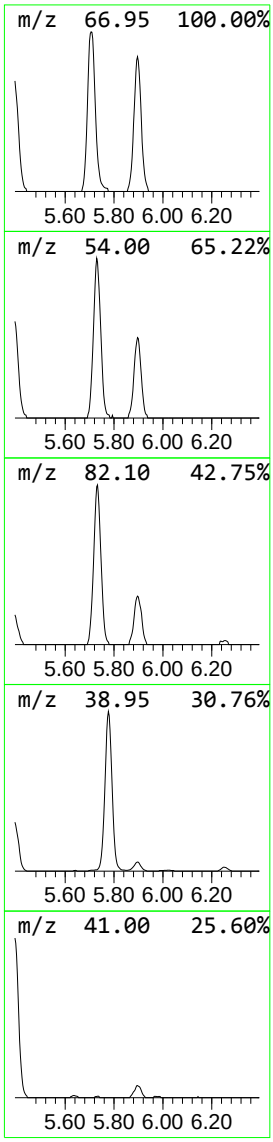
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Ethylidenecyclobutane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.896	0.87 ug/L	42303	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	93
2	Cyclohexene	82	C6H10	000110-83-8	90
3	Ethylidenecyclobutane	82	C6H10	001528-21-8	90
4	Cyclohexene	82	C6H10	000110-83-8	87
5	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	86





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Operator : SY/MD
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ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNK2

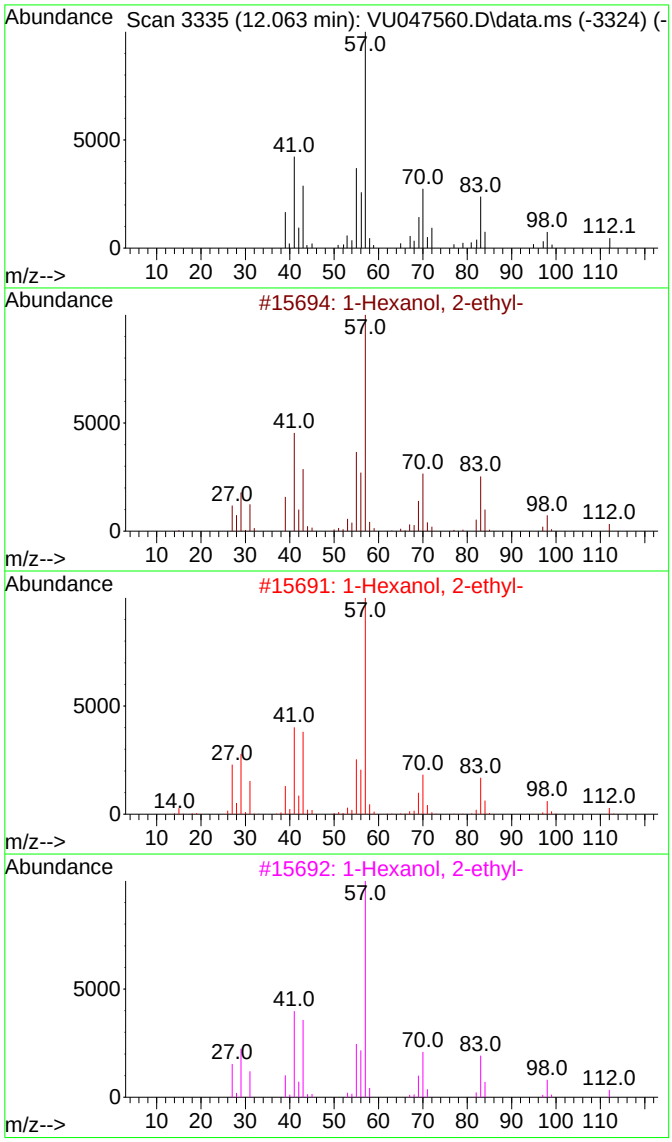
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
Quant Title : TRACE VOA SFAM1.0

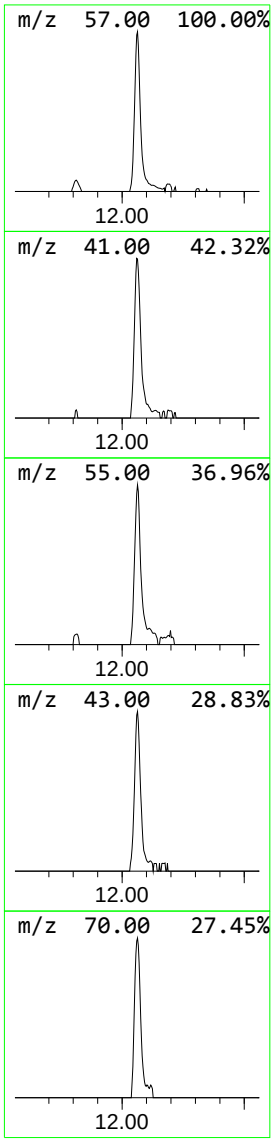
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1-Hexanol, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	1.00 ug/L	60529	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
Data File : VU047560.D
Acq On : 15 Mar 2022 01:12
Operator : SY/MD
Sample : N1858-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNK2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.363	2.4	ug/L	118731	1	6.253	242912	5.0
(DEL) Alkane: S...	1.494	4.1	ug/L	200273	1	6.253	242912	5.0
(DEL) Alkane: S...	1.999	51.3	ug/L	2491000	1	6.253	242912	5.0
(DEL) Alkane: S...	2.208	0.9	ug/L	43664	1	6.253	242912	5.0
(DEL) Alkane: S...	3.047	0.5	ug/L	25842	1	6.253	242912	5.0
(DEL) Alkane: S...	3.144	13.4	ug/L	650519	1	6.253	242912	5.0
(DEL) Alkane: C...	4.536	3.4	ug/L	165511	1	6.253	242912	5.0
Ethylidenecyclo...	5.896	0.9	ug/L	42303	1	6.253	242912	5.0
1-Hexanol, 2-et...	12.063	1.0	ug/L	60529	3	11.812	301843	5.0